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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/829,022	04/20/2004	Pheng-Ann Heng	016285-43.00US	5970
20350	7590 06/30/2006		EXAM	INER
TOWNSEND AND TOWNSEND AND CREW, LLP			YANG, ANDREW GUS	
TWO EMBAR	RCADERO CENTER			DARED MIN (DED
EIGHTH FLO	OR		ART UNIT	PAPER NUMBER
SAN FRANCI	SCO, CA 94111-3834		2628	
			DATE MAILED: 06/30/200	6

Please find below and/or attached an Office communication concerning this application or proceeding.

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Notice	of A	llowa	ability	

Application No.	Applicant(s)		
10/829,022	HENG ET AL.		
Examiner	Art Unit		
Andrew Yang	2628		

	Andrew Yang	2628	
The MAILING DATE of this communication appe All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RI of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in this app or other appropriate communication GHTS. This application is subject to	olication. If not includ will be mailed in due	ed course. THIS
1. This communication is responsive to 26 May 2006.			
2. The allowed claim(s) is/are <u>1-13</u> .			
3.	been received. been received in Application No cuments have been received in this communication to file a reply lENT of this application. itted. Note the attached EXAMINER best reason(s) why the oath or declarate to be submitted. son's Patent Drawing Review (PTO- communication to file a reply length of this application.	complying with the recomplying that the discount of the discount of the discount of the discount of the submitted.	quirements
 Attachment(s) 1. ☐ Notice of References Cited (PTO-892) 2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 3. ☑ Information Disclosure Statements (PTO-1449 or PTO/SB/O Paper No./Mail Date 5/23/60 4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material 	5. Notice of Informal P 6. Interview Summary Paper No./Mail Dat 7. Examiner's Amendr 8. X Examiner's Stateme 9. Other	(PTO-413), te ment/Comment	

Art Unit: 2628

DETAILED ACTION

Allowable Subject Matter

The following is an examiner's statement of reasons for allowance:

References by Krishnan (U.S. Patent No. 6,771,262), Vining (U.S. Patent No. 6,694,163), Hsu (U.S. Patent No. 6,559,843), Oikawa et al. (U.S. Patent No. 5,963,211), and Lichtenbelt et al. (U.S. Patent No. 6,144,383) are made of record as describing related methods of volume rendering and segmentation. References by Seiler et al. (U.S. PGPUB 20020190984) and Gatti et al. (U.S. Patent No. 6,995,763) are made of record as describing related methods for discarding or removing blocks of voxels. However, none of the cited prior art references teach or suggest a method of segmenting a 3-dimensional texture map of volume data into three stacks of 3-dimensional-textured slices, nor rescaling the slices so that each slice edge dimension is of an integer power of two.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Andrew Yang whose telephone number is (571) 272-5514. The examiner can normally be reached on 8:30-5 M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mark Zimmerman can be reached on (571) 272-7653. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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AGY

6/26/06

Marke Jun MARK ZIMMERMAN SUPERVISORY PATENT EXAMINER

TECHNOLOGY CENTER 2600